BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Certificate in Land-based Studies Pearson BTEC International Level 3 Subsidiary Diploma in Land-based Studies Pearson BTEC International Level 3 Foundation Diploma in Horticulture Pearson BTEC International Level 3 Diploma in Horticulture Pearson BTEC International Level 3 Extended Diploma in Horticulture
Unit number and title	Unit 39: Outdoor Horticultural Crop production
Learning aim(s)	**A:** Investigate key requirements for the commercial production of outdoor horticultural crops
Assignment title	**Outdoor Crop Production**
Assessor	
Issue date	
Hand in deadline	

Vocational Scenario or Context	A tutor at your college who raises funds for a local charity has asked for your advice on growing outdoor crops. They would like to start growing either an organic edible crop or a cut flower crop, that you can help them to sell to a local farm shop to raise funds. The tutor would like information on growing both crops, which they will use to help them choose which one they will grow.
Task 1	Produce an illustrated report that can be given to the tutor comparing the **two** botanically named crops that includes: • site considerations – soil type and pH, drainage, aspect, access, services available • crop timings and production requirements – seasonal considerations, type of plant used for production • factors that will affect plant growth and development – growing space, size of plant, environment • establishment requirements – pruning, thinning, support, irrigation, feeding, managing health • resource requirements – buildings, machinery, tools, materials • organic status requirements (edible crop only) -how to meet organic guidelines, benefits and limitations of being certified organic
Checklist of evidence required	Illustrated report

Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria you must show that you are able to:
A.D1	Assess the requirements for two contrasting commercial outdoor horticultural crops, one of which meets approved organic guidelines, evaluating the factors that affect their successful growth and development.
A.M1	Compare the requirements of two contrasting commercial outdoor horticultural crops, one of which meets approved organic guidelines, analysing the factors affecting their growth and establishment.
A.P1	Explain the requirements for the production of two contrasting commercial outdoor horticultural crops, one of which meets approved organic guidelines.
A.P2	Explain the factors affecting the management of plant growth and establishment for the production of two contrasting commercial outdoor horticultural crops, one of which meets approved organic guidelines.

Sources of information to support you with this Assignment	**Journal/Magazine** The Grower **Websites** gardenorganic.org.uk soilassociation.org thebalancesmb.com ahdb.org.uk thegrower.org